

## **REMARKS**

Claims 1-27 were examined and rejected. Claims 1, 6, 8, 11-19, 22-23, and 25 have been amended herein. A listing of claims can be found on pages 2-7 of this Response. Applicants respectfully request reconsideration of claims 1-27 in view of at least the following amendments and remarks.

### **I. Claim Rejected Under 35 U.S.C. §102(e)**

Claim 1 stands rejected under 35 U.S.C. §102(e) as anticipated by *Andrews et al.* (US 2005/0122339). This rejection should be withdrawn for at least the following reason. *Andrews et al.* does not expressly or inherently describe each and every aspect of the claim.

Amended independent claim 1 recites: “a render-cache controller to maintain the order in which *each thread* is dispatched to the graphics engine” (emphasis added). The Examiner cites *Andrews et al.* at paragraph 0066 as pertaining to the subject matter of this aspect (See Office Action mailed July 3, 2007 at page 3). At paragraph 0066, *Andrews et al.* discloses differentiating between threads that may access only unlocked sets of a cache and threads that may access both locked sets and unlocked sets of the cache. However, *Andrews et al.* is silent with respect to “a render-cache controller to maintain the order in which *each thread* is dispatched to the graphics engine” (emphasis added). The cited reference fails to disclose any dispatching order of individual threads.

In view of the foregoing, it is readily apparent that *Andrews et al.* does not describe each and every element of independent claim 1. Accordingly, it is respectfully requested that this rejection be withdrawn.

### **II. Claims Rejected Under 35 U.S.C. §103(a)**

Claims 2-27 stand rejected under 35 U.S.C. §103(a). However, Applicants respectfully submit that *Merchant et al.* (US 6,785,803) may not be used in a rejection under 35 U.S.C. §103(a).

STATEMENT OF COMMON OWNERSHIP FOR 35 U.S.C. §103(c): Application 10/816,052 and Merchant *et al.* (US 6,785,803) were, at the time the invention of Application 10/816,052 was made, owned by or subject to an obligation to assign to Intel Corporation (*See* Reel/Frame 015507/0854 for Application 10/816,052).

As provided in 35 U.S.C. §103(c), this statement disqualifies Merchant *et al.* from being used in a rejection under 35 U.S.C. §103(a) against the claims of Application 10/816,052 (*See* MPEP §706.02(l)(2)). Therefore, the rejections under 35 U.S.C. §103(a) as applied to claims 2-27 should be withdrawn.

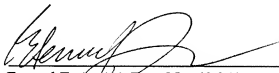
### CONCLUSION

In view of the foregoing, it is believed that all claims now are now in condition for allowance and such action is earnestly solicited at the earliest possible date. If there are any additional fees due in connection with the filing of this response, please charge those fees to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

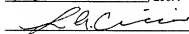
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Lori A. Ciccio 11/5, 2007